Also published as:

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NL6913046 (A)

GB1274652 (A)

CH553149 (A5)

CH551365 (A5)

FR2016468 (A1)

## Adamantanylalkylamin-Derivate und Verfahren zu ihrer Herstellung

Patent number:

DE1943404

**Publication date:** 

1970-12-17

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Applicant:

LILLY INDUSTRIES LTD

Classification:

- international:

C07C35/22

- european:

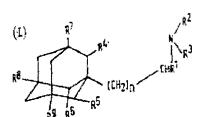
A61K31/13, C07C53/138, C07C53/44, C07C55/38,

C07D295/02B3F, C07D239/42B1

Application number: DE19691943404 19690826 Priority number(s): GB19680040968 19680827

Abstract not available for DE1943404
Abstract of correspondent: **GB1274652** 

1,274,652. Antidepressant &c. compositions. LILLY INDUSTRIES Ltd. 28 Oct., 1969 [27 Aug., 1968], No. 40968/68. Heading A5B. [Also in Division C2] Pharmaceutical compositions having anti- depressant, -Parkinsonism and -motion sickness and appetite suppressant activity comprise, as active ingredient, at least one 1-aminoalkyladamantane of the general formula wherein n is 1 or 2; R<SP>1</SP> is a hydrogen atom or a C 1-4 alkyl group or, when n is 1. R<SP>1</SP> and R<SP>4</SP> together form a methylene group: R<SP>2</SP> is a hydrogen atom or C 1-4 alkyl group or, when n is 1, a C 1-4 hydroxyalkyl or phenyl-C 1- 4 alkyl group, R<SP>3</SP> is a hydrogen atom or a C 1-4 alkyl group or, when R<SP>2</SP> is a hydrogen atom, R<SP>3</SP> is an amidino, pyrimidinyl or C 1-4 alkyl- pyrimidinyl group, or NR<SP>2</SP>R<SP>3</SP> is a pyrrolidino, piperidino, N- C 1-4 alkylpiperazino or N-C 1-4 hydroxyalkylpiperazino group; R<SP>4</SP> is a hydro- gen or chlorine atom or a phenyl group or, when n is 1, a bromine atom or cyclohexyl group; R<SP>5</SP> and R<SP>6</SP> are each a hydrogen atom or, when n is 1, a chlorine atom or phenyl group; provided that one of R<SP>4</SP>, R<SP>5</SP> and R<SP>6</SP> is not a chlorine atom and the others are hydro- gen atoms or R<SP>4</SP> is not a bromine atom and R<SP>5</SP> and R<SP>6</SP> are hydrogen atoms, when R<SP>7</SP>, R<SP>8</SP> and R<SP>9</SP> are hydrogen atoms, R<SP>1</SP> is a hydrogen atom or a C 1-4 alkyl group, one of R<SP>2</SP> and



R<SP>3</SP> is a hydrogen atom and the other is a C 1-4 alkyl group and n is 1; R<SP>7</SP>

is a hydrogen or bromine atom or a hydroxyl or - (CH 2 ) n - -CHR a <SP>1</SP>-NR a <SP>2</SP>R a <SP>3</SP> group, wherein n is 1 or 2 and R a <SP>1</SP>, R a <SP>2</SP> and R a <SP>3</SP> are each a hydrogen atom or a C 1-4 alkyl group, or, when n is 1, R<SP>7</SP> is a methyl group; and R<SP>8</SP> and R<SP>9</SP> are each a hydrogen atom or a C 1-4 alkyl group, or, when n is 1, a methyl group; or pharmaceutically acceptable acid addition salt thereof, in association with a pharmaceutically acceptable carrier.

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